

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application: 29/06/2004

(21) Application No.: 00911/KOLNP/2004
(43) Publication Date: 05/05/2006

A

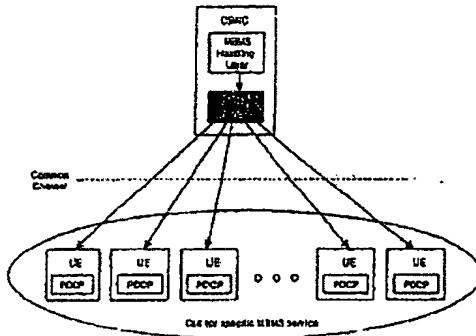
(54) Title of the Invention: PROVIDING MULTICAST SERVICES IN A POINT-TO-MULTIPOINT MANNER FOR A RADIO COMMUNICATION SYSTEM

(51) International classification	:	H04B 7/26	(71) Name of Applicant:	LG ELECTRONICS INC.,
(31) Priority Document No	:	10-2002-0057469	Address of the Applicant: 20, YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL 150-010, KOREA.	
(32) Priority Date	:	19/09/2002		
(33) Name of priority country	:	KOREA		
(86) International Application No and Filing Date	:	PCT/KR03/001920 & 19/09/2003		
(87) International Publication No	:	WO 04/028042		
(61) Patent of addition to Application No Filed on	:	NA NA	(72) Name of the Inventor:	YI SEUNG-JUNE
(62) Divisional to Application No Filed on	:	NA NA		LEE YOUNG-DAE
				LEE-SO-YOUNG

Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO

(57) Abstract:

Data for a multicast service is provided by a radio communication system by performing header compression and employing a packet data convergence protocol (PDCP) entity that exists for every specific MBMS service to be provided for a cell with users therein. The particular network component (e.g., in a SRNC or a CRNC) that includes one PDCP layer for each specific MBMS service depends upon certain characteristics of the terminals (UE) located within a cell that wish to receive the specific MBMS service. The terminal receives via a common transport channel and restores (i.e., decompresses) the header-compressed data of the MBMS service that was transmitted after header compression at the CRNC, while the terminal receives via a dedicated transport channel and restores (i.e., decompresses) the header-compressed data of the MBMS service that was transmitted after header compression at the SRNC.



(FIG.1).